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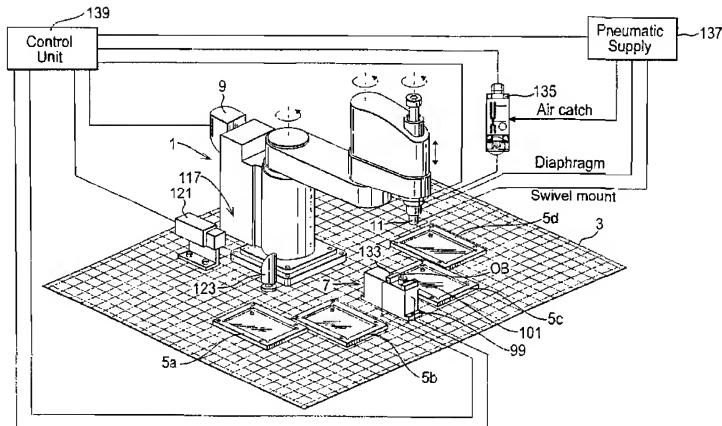
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**(54) Title: OBJECT DETECTION SYSTEM, METHOD AND TOOL**



**(57) Abstract:** One aspect of the invention provides a detection system for determining whether an object (21) is present at a predetermined location, the system comprising a sensor tool (35) including an air outlet (75) at a forward surface thereof from which an air flow is in use delivered; an air catch sensor (135) pneumatically connected to the air outlet (75) of the sensor tool (35) and being operative to detect a change in pressure of the air flow as delivered from the air outlet (75) indicative of the air outlet (75) being moved proximate a surface of an object (21); a positioning mechanism (9) to which the sensor tool (35) is attached; and a control unit (139) for controlling the positioning mechanism (9) to advance the sensor tool (35) such that the air outlet (75) of the sensor tool (35) is advanced through at least one detection point to sense for a surface thereat and determine whether an object (21) is present at a predetermined location. Other aspects of the invention provide use of an air catch sensor unit to determine whether an object (21) is present at a predetermined location and a sensor tool for an air catch sensor (135).

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